

UBC2010 Block Calibrator

A small Block Calibrator with interchangeable inserts to fit probes from 19.5mm to 3.2mm.



The UBC2010 Block Calibrator uses interchangeable sleeve inserts to fit the widest range of popular temperature sensor probe and thermostat diameters. The main pocket is 19.5mm in diameter and is available with a range of sleeves to fit 15mm, 14.3mm, 13.3mm, 9.5mm, 6.3mm*, 4.7mm* and 3.2mm* probes. The convenient size of the UBC2010 means true portability and even at 400 °C its stainless steel case is cool enough to hold in your hand. Because the UBC2010's block is fan assisted, it heats, cools and stabilises in minutes - much quicker than its competitors. It also features a test circuit and buzzer for accurately checking thermostat switching temperatures.

Its low cost, accuracy and uniformity of better than $\pm 0.5^{\circ}\text{C}$ make it at home in the factory, quarry or commercial premises that requires setting or validation of temperature equipment.

Specifications – Meets Euramet/cg-13/v.01 with sleeves < 13.3mm

Range:-	35°C to 400°C (95°F to 752°F)
Accuracy:- (At full immersion)	35°C to 100°C $\pm 0.5^{\circ}\text{C}$ (95°F to 212°F $\pm 0.9^{\circ}\text{F}$) 101°C to 400°C $\pm 0.85^{\circ}\text{C}$ (213°F to 752°F $\pm 1.53^{\circ}\text{F}$)

Block Pocket-to-Pocket Uniformity: (At full immersion, 6.3mm to 9.5mm)	35°C to 150°C $\pm 0.75^{\circ}\text{C}$ (95°F to 302°F $\pm 1.35^{\circ}\text{F}$) 151°C to 400°C $\pm 1^{\circ}\text{C}$ (303°F to 752°F $\pm 1.8^{\circ}\text{F}$)
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Stability:-	35°C to 200°C $\pm 0.20^{\circ}\text{C}$ (95°F to 392°F $\pm 0.36^{\circ}\text{F}$) 201°C to 400°C $\pm 0.35^{\circ}\text{C}$ (393 to 752°F $\pm 0.63^{\circ}\text{F}$)
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Heating Time:-	35°C to 350°C (95°F to 662°F) 12 minutes
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Cooling Time:-	300°C to 100°C (572°F to 212°) 14 minutes
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Block Depth:-	150mm (6")
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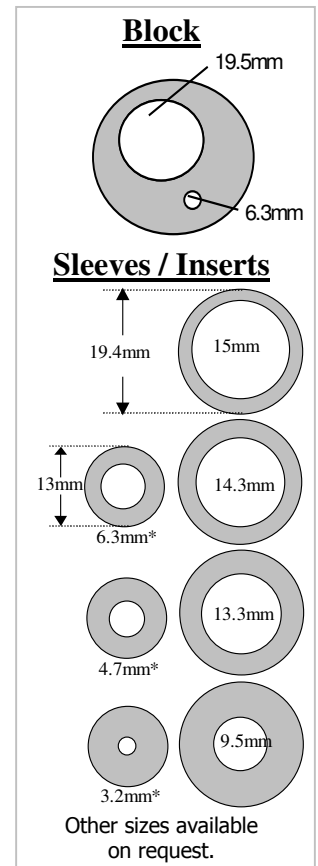
Body Size:- (WxHxD)	210mm x 105mm x 285mm (340mm including handle) 8.27" x 4.13" x 11.22" (13.39" including handle)
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Weight:-	3.5kg (7.7lbs) (Without sleeves)
Power:	240Vac $\pm 15\%$ 2.2A or 110Vac $\pm 15\%$ 4.1A

Certification:-	UKAS Thermal Survey optional at extra cost.
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Sleeves/Inserts:	4 included as standard: 15mm, 14.3mm, 13.3mm, 9.5mm
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Carry Case:-	Foam lined aluminium flight case included as standard. Size: 460 x 350 x 160mm (WxDxH)
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Ordering Codes

Voltage†	Temperature Scale	Examples:
240	C	240V Supply, °C Scale = UBC2010/240/C
110	F	110V Supply, °F Scale = UBC2010/110/F

Price: £1350.00
+ VAT & delivery

* 6.3mm, 4.7mm and 3.2mm sleeves are 100mm in length, fit into the 13.3mm ID sleeve and are optional at extra cost.